

Табела. 9.6. Компетентност наставника

Име и презиме		Бранислав Јеленковић		
Звање		Научни саветник		
Ужа научна област		Квантна оптика и ласери		
Академска каријера	Година	Институција	Област	Ужа научна односно уметничка област
Избор у звање	1994.	МПНТР	Физика	Физика плъзме
Докторат	1983.	Универзитет у Београду	Физика	Атомска физика
Магистратура	1978.	Универзитет у Београду	Физика	Метрологија
Мастер диплома	X	X	X	X
Диплома	1975.	Универзитет у Београду	Електротехника	Техничка физика
Списак предмета које наставник држи на докторским студијама				
Р.Б.	Ознака	Назив предмета		
1.	ФИЗДФФЛ8	Квантна и атомска оптика		
Најзначајнији радови у складу са захтевима допунских услова стандарда за дато поље (минимално 10 не више од 20)				
1.	Q. Lin, M.A. Van Camp, H. Zhang, B. Jelenković, V. Vuletić, <i>Long-external-cavity distributed Bragg reflector laser with subkilohertz intrinsic linewidth</i> , Optics letters 37, 1989 (2012).			M21a
2.	S. Savić-Šević, D. Pantelić, D. Grujić, B. Jelenković, <i>Localization of light in a polysaccharide based complex nanostructure</i> , Opt. Quant. Electron 48, 289:1 (2016).			M21
3.	B. Zlatkovic, M.M. Curcic, I.S. Radojicic, D. Arsenovic, A.J. Krmpot, B.M. Jelenkovic, <i>Slowing probe and conjugate pulses in potassium vapor using four wave mixing</i> , Opt. Express, 26, 34266 (2018).			M21a
4.	S. H. Cantu, A. V. Venkatramani, W. Xu, L. Zhou, B. Jelenković, M. D. Lukin and V. Vuletić, <i>Repulsive photons in a quantum nonlinear medium</i> , Nature Physics 16, 921 (2020).			M21a
5.	N.M. Lučić, B.M. Bokić, D.Ž. Grujić, D.V. Pantelić, B.M. Jelenković, A. Piper, D.M. Jović, D.V. Timotijević, <i>Defect-guided Airy beams in optically induced waveguide arrays</i> , Physical Review A 88, 063815 (2013).			M21a
6.	A. Maggitti, M. Radonjić, and B. Jelenković, <i>Dark-polariton Bound Pairs in the Modified Jaynes-Cummings-Hubbard Model</i> , Phys. Rev. A 93, 013835 (2016)			M21
7.	D. Arsenović, N. Burić, D. B. Popović, M. Radonjić, and S. Prvanović, <i>Positive-operator-valued Measures in the Hamiltonian Formulation of Quantum Mechanics</i> , Phys. Rev. A 91, 062114 (2015)			M21
8.	A. Kovačević, S. Petrović, V. Lazović, D. Peruško, D. Pantelić, B. Jelenković, <i>Inducing subwavelength periodic nanostructures on multilayer NiPd thin film by low-fluence femtosecond laser beam</i> , Appl. Surf. Sci. 417, 155 (2017).			M21
9.	A. Krmpot, M. Radonjić, S. M. Ćuk, S. N. Nikolić, Z. Grujić, and B. Jelenković, <i>Evolution of Dark State of an Open Atomic System in Constant Intensity Laser Field</i> , Phys. Rev. A 84, 043844 (2011)			M21
10.	S. M. Ćuk, M. Radonjić, A. Krmpot, S. N. Nikolić, Z. Grujić, and B. Jelenković, <i>Influence of Laser Beam Profile on Electromagnetically Induced Absorption</i> , Phys. Rev. A 82, 063802 (2010)			M21
11.	A. Krmpot, S. M. Ćuk, S. N. Nikolić, M. Radonjić, D. G. Slavov, and B. Jelenković, <i>Dark Hanle Resonances from Selected Segments of the Gaussian Laser Beam Cross-section</i> , Opt. Express 17, 22491 (2009)			M21
12.	M. Radonjić, D. Arsenović, Z. Grujić, and B. Jelenković, <i>Coherent Population Trapping Linewidths for Open Transitions: Cases of Different Transverse Laser Intensity Distribution</i> , Phys. Rev. A 79, 023805 (2009)			M21
Збирни подаци научне активност наставника				
Укупан број цитата, без аутоцитата			3800 (2666 (хетероцитата))	
Укупан број радова са SCI (или SSCI) листе			185	
Тренутно учешће на пројектима			Домаћи 1	Међународни 1
Усавршавања: 1. Универзитет Коларада, Болсер, САД 1984-1985				
Други подаци које сматрате релевантним: Рецензент у водећим часописима из области				
Максимална дужине не сме бити већа од 1 странице А4				

Table. 9.6 Teachers' competences

Name and family name		Branislav Jelenkovic		
Title		Research Professor		
Narrow scientific area		Quantum optics		
Academic career	Year	Institution	Area	Narrow scientific or art area
Election to the title	1994.	MPNTR	Physics	Plasma physics
PhD	1983.	University of Belgrade	Physics	Atomic physics
Master degree	1978,	University of Belgrade	Physics	Metrology
Master diploma	X	X	X	X
Diploma	1975.	University of Belgrade	Electrical engineering	Technical physics
List of subjects the teacher is lecturing in doctoral studies				
No.	Mark	Subject name		
1.	ФИЗДФФЛ8	Quantum and atomic optic		
The most significant papers, in compliance with the requirements of the additional requirements of the standard for the given field (minimum 10, not more than 20)				
1.	Q. Lin, M.A. Van Camp, H. Zhang, B. Jelenković, V. Vuletić, <i>Long-external-cavity distributed Bragg reflector laser with subkilohertz intrinsic linewidth</i> , Optics letters 37, 1989 (2012).			M21
2.	S. Savić-Šević, D. Pantelić, D.Grujić, B. Jelenković, <i>Localization of light in a polysaccharide based complex nanostructure</i> , Opt. Quant. Electron 48, 289:1 (2016).			M21
3.	B. Zlatkovic, M.M. Curcic, I.S. Radojicic, D. Arsenovic, A.J. Krmpot, B.M. Jelenkovic, <i>Slowing probe and conjugate pulses in potassium vapor using four wave mixing</i> , Opt. Express, 26, 34266 (2018).			M21a
4.	S. H. Cantu, A. V. Venkatramani, W. Xu, L. Zhou, , B. Jelenković, M. D. Lukin and V. Vuletić, <i>Repulsive photons in a quantum nonlinear medium</i> , Nature Physics 16, 921 (2020).			M21
5.	N.M. Lučić, B.M. Bokić, D.Ž. Grujić, D.V. Pantelić, B.M. Jelenković, A. Piper, D.M. Jović, D.V. Timotijević, <i>Defect-guided Airy beams in optically induced waveguide arrays</i> , Physical Review A 88, 063815 (2013).			M21a
6.	A. Maggitti, M. Radonjić, and B. Jelenković, <i>Dark-polariton Bound Pairs in the Modified Jaynes-Cummings-Hubbard Model</i> , Phys. Rev. A 93, 013835 (2016)			M21
7.	D. Arsenović, N. Burić, D. B. Popović, M. Radonjić, and S. Prvanović, <i>Positive-operator-valued Measures in the Hamiltonian Formulation of Quantum Mechanics</i> , Phys. Rev. A 91, 062114 (2015)			M21
8.	A. Kovačević, S. Petrović, V. Lazović, D. Peruško, D. Pantelić, B. Jelenković, <i>Inducing subwavelength periodic nanostructures on multilayer NiPd thin film by low-fluence femtosecond laser beam</i> , Appl. Surf. Sci. 417, 155 (2017).			M21
9.	A. Krmpot, M. Radonjić, S. M. Ćuk, S. N. Nikolić, Z. Grujić, and B. Jelenković, <i>Evolution of Dark State of an Open Atomic System in Constant Intensity Laser Field</i> , Phys. Rev. A 84, 043844 (2011)			M21
10.	S. M. Ćuk, M. Radonjić, A. Krmpot, S. N. Nikolić, Z. Grujić, and B. Jelenković, <i>Influence of Laser Beam Profile on Electromagnetically Induced Absorption</i> , Phys. Rev. A 82, 063802 (2010)			M21
11.	A. Krmpot, S. M. Ćuk, S. N. Nikolić, M. Radonjić, D. G. Slavov, and B. Jelenković, <i>Dark Hanle Resonances from Selected Segments of the Gaussian Laser Beam Cross-section</i> , Opt. Express 17, 22491 (2009)			M21
12.	M. Radonjić, D. Arsenović, Z. Grujić, and B. Jelenković, <i>Coherent Population Trapping Linewidths for Open Transitions: Cases of Different Transverse Laser Intensity Distribution</i> , Phys. Rev. A 79, 023805 (2009)			M21
Cumulative data of scientific activity of the teacher				
Total number of citations, without self citations			3800 (2666)	
Total number of papers on the SCI (or SSCI) list			185	
Current participation in projects			Domestic 1	International 1
Specialization: University of Colorado, Boulder US 1984-1985				
Other information you consider to be important: Referee in leading scientific journals in the field				
Maximum length may not be over 1 A4 page				